

LIANG -- 10/087,450
Client/Matter: 046006-0272274

REMARKS

The specification is amended to include the serial number of the priority document and as discussed below. Claims 1-57 are currently pending in the application.

Objection to the specification

The specification was objected to as failing to provide proper antecedent basis for the claimed subject matter. The specification having been amended above to include language from e.g. claims 12-18, 21-28, and 38-40 as originally filed, and from e.g. page 3, line 3; page 5, line 12; page 7, line 22; page 8, line 5; and page 9, line 10 as originally filed, without addition of any new matter, applicant respectfully requests that this objection be withdrawn.

Rejection under 35 U.S.C. § 112

Claims 1-57 were rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the written description requirement. For at least the following reasons, applicant respectfully requests that this rejection be withdrawn.

The specification has been amended to include language from claims 12-18, 21-28, and 38-40 as originally filed. Original claim 40, for example, explicitly recites configuring a read control component to operate at "a selected one of a plurality of display frequencies supported by the display device." Applicant respectfully submits that at least this portion of the specification as originally filed fully discloses selection from among a plurality of display frequencies. Moreover, at least this portion fully discloses that this plurality may be predetermined: in this instance, according to the characteristics of the display device.

The specification as originally filed also clearly discloses a system and method in which such selection is dynamic, e.g. as responsive to changes in the values of write and read pointers. For example, the specification as filed states the following at page 8 (ll. 2-6):

"Data may be read from the buffer at a predetermined or a selected frequency, and a read pointer may be updated as indicated at block 205; as with the write pointer, the read pointer may be updated at each read operation. As set forth in detail above, the read frequency may be dynamically adjustable responsive to a comparison of the write and read pointers."

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See also, e.g., p. 9, ll. 10-12 ("Accordingly, the read frequency may be dynamically adjusted as a function of buffer overflow or underflow"). Furthermore, claim 23 as originally filed explicitly states that "adjusting the display frequency in accordance with [a detected] condition" "comprises configuring a read control component to read the source data from the buffer at a selected one of a plurality of display frequencies supported by the destination video display device."

Therefore, applicant respectfully submits that the terms to which the Examiner objects - e.g. "a selected one of a predetermined plurality of reading frequencies" and "a different one of the predetermined plurality of reading frequencies" - are indeed fully disclosed in the specification as originally filed, as well as in the specification as currently amended.

Rejection under 35 U.S.C. § 102

Claims 1, 6-9, 12, and 15-20 were rejected under 35 U.S.C. § 102(b) as being anticipated by Stern et al. (U.S. Patent No. 4,941,156). For at least the following reason, applicant respectfully requests that this rejection be withdrawn.

The Office Action does not dispute that Stern fails to disclose reading data from a buffer at a selected frequency, or changing a reading frequency to a different one of a predetermined plurality of frequencies, as recited in claims 1 and 12. Therefore, applicant respectfully requests that the rejection of claims 1 and 12 and their dependent claims be withdrawn.

Rejection under 35 U.S.C. § 103

Claims 2-5, 10, 11, 13, 14, and 21-57 were rejected under 35 U.S.C. § 102(b) as being unpatentable over Stern in view of Felts et al. (U.S. Patent No. 6,581,164). For at least the following reason, applicant respectfully requests that this rejection be withdrawn.

The Office Action does not dispute that Felts also fails to teach or disclose elements of applicant's claims such as a predetermined plurality of reading or display frequencies. Therefore, applicant respectfully requests that the rejection of these claims be withdrawn.

All objections and rejections having been addressed, applicant respectfully submits that the application is in condition for allowance and earnestly requests a notice to that effect. If any points remain in issue that may be best resolved through a personal or telephone interview, the Examiner is invited to contact the applicant's representative at the telephone number below.

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Please charge any fees associated with the submission of this paper to Deposit Account Number 033975. The Commissioner for Patents is also authorized to credit any over payments to the above-referenced Deposit Account.

Respectfully submitted,

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